

Patent 1 of 1

 MARK SHOW DOCUMENTATION ABSTRACTPatents Cited by Inventor: 0
Patents Cited by Examiner: 0Citing Patents: 1Articles Cited by Inventor: 0
Articles Cited by Examiner: 0Patent Number(s):
JP59045107-A**Title:**

Polyester particles storage treatment - involves heated with satd. or superheated steam, to prevent water absorption during storage

Patent Assignee Name(s) and Code(s):
TEIJIN LTD (TEIJ)**Derwent Primary Accession Number:**
1984-098660 [16]**Abstract:**

The polyester particles comprise principle repeating units of alkylene terephthalate. As soon as the particulate polyester is formed from its polymer, its surface layer, at least, is crystallised. The crystallised surface layer prevents the polyester from having increased water content on storage and after drying just before melting.

The polyester pref. comprises ethylene terephthalate repeating units and has 10 mol.% or less of the tert. component (such as dibasic acid, oxyacid, glycol). It may contain 10 wt.% or less of other polymer, fire-retardant, colour stabiliser, etc.

In order to crystallise the surface layer (pref. 20 microns or more), the particulate polyester (in the form of chips, pellets, flake, or powder) is treated with heated steam (satd. or superheated) at 110 deg. C or higher (pref. 120-200 deg. C in the case of the latter steam).

International Patent Classification:

B29B-001/00; B29B-003/04

Derwent Class:

A23 (Polyamides, polyesters, polycarbonates, alkyds)

Derwent Manual Code(s):

A05-E04D; A11-A; A11-B02; A12-S09

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
JP59045107-A	13 Mar 1984		198416	Pages: 3	

Application Details and Date:

JP59045107-A JP154513 07 Sep 1982

Priority Application Information and Date:

JP154513 07 Sep 1982